

WHAT IS CLAIMED IS:

- 1 1. An IC socket, for receiving an IC provided with arrayed terminals, the
2 IC socket comprising:
 - 3 a conductive block, formed with a first face opposing to the received
4 IC, and a plurality of holes arrayed in association with the terminals of the
5 received IC;
 - 6 a plurality of contact probes, each of which is disposed in each of the
7 holes, and comprises:
 - 8 a conductive pipe; and
 - 9 a conductive plunger, retractably provided at a first end of the pipe,
10 the plunger being to be brought into contact with an associated one of the
11 terminals; and
 - 12 a retainer, comprising an insulative member through which the pipe is
13 coaxially held within an associated one of the holes while forming a gap
14 between an outer periphery of the pipe and an interior wall of the associated
15 one of the holes,
16 wherein at least one of the contact probes to be brought into contact
17 with an RF signal terminal among the terminals of the received IC is retained
18 by the retainer.
 - 1 2. The IC socket as set forth in claim 1, wherein at least one of the
2 contact probes is brought into contact with an earth terminal among the
3 terminals of the received IC.

1 3. The IC socket as set forth in claim 1, further comprising a conductive
2 rubber layer, disposed between the first face of the block and an earth terminal
3 among the terminals of the received IC.

1 4. The IC socket as set forth in claim 1, wherein:

2 the contact probes includes a first contact probe which is brought into
3 contact with either a non-RF signal terminal or a power supply terminal among
4 the terminals of the received IC, and a second contact probe which is to be
5 brought into contact with the RF signal terminal; and

6 a ratio of an inner diameter of a first hole in which the first contact
7 probe is disposed to an outer diameter of the first contact probe is smaller than
8 a ratio of an inner diameter of a second hole in which the second contact
9 probe is disposed to an outer diameter of the second contact probe.